are dispatched directly to you and your support personnel instantly when unacceptable or emergency conditions occur. For each alarm event you have the choice of learning about it through a voice telephone call, pager message, an e-mail message, or through our easy-to-use Skymetry website. The choice is yours.

Details and information about your remote sites are available to you 24 hours a day, 7 days a week through the Skymetry website. Skymetry also gives you the ability to obtain status of your remote unattended facility via e-mail. From any internet-based e-mail, simply send your Skymetry device a question and Skymetry will respond with an e-mail message showing you detailed status information about the unattended facility.

The Power of M2M

Today's complex infrastructure of remote managed facilities demands machine-to-machine capabilities. Skymetry delivers on this challenge. Each Skymetry device has the ability to remotely control any of the output controls of up to eight remote Skymetry devices. Skymetry's built-in M2M capabilities far exceed those of many SCADA systems. There are no line-of-sight requirements. Whether 100 feet away or 100 miles, it is possible to monitor one site and remotely control a site several miles away. This means that a network of Skymetry devices are able to converse between one another to monitor and control specific actions without your intervention.

SENSAPHONE
901 Tryens Road, Aston, PA 19014
610.558.2700 • Fax 610.558.0222
www.sensaphone.com

SKYMETRY Specifications

Environmental Inputs

- 8 Dry Contact Inputs
- N.O./N.C. contact, pulse count, equipment run time dry contacts
- 47KΩ to 5V Dry Contact Electrical Input
- 8 Analog Inputs
- 10K thermistor (-60 to 175 deg F) and 4-20mA (-10,000 to 10,000) Analog Inputs
- 22KΩ to 2.5V (temperature) and 250 Ohms to ground (4-20mA) Analog Input
- Terminal Block Input Connector
- 10 bits ±2 LSB A/D Converter Resolution
- Metal Oxide Varistors and fast acting diode clamps input protection

Relay Outputs

- 2 Relay Outputs
- 0.3A 120VAC / 1.0A 24VDC Rating
- SPDT Form-C Latching Type
- Terminal Block Relay Output Connector

LED Indicators

- Alarm, Radio Registered, Radio In Range, Battery OK, and Power OK, Output #1, Output #2 functions

Power Supply

- 15VDC 800mA power transformer power supply
- 50mA typical, 700mA burst (radio transmit) power consumption
- Metal Oxide Varistor power protection
- Compatible with 12V sealed gel-cell, 2.2AH (36hrs)-12AH (200 hrs) Battery Backup/Charger

Environmental

- -20º to 158ºF (-29º to 70ºC) Operating Temperature
- 0 to 90% RH non-condensing operating humidity
- 32 to 140ºF storage temperature

Physical: Skymetry Unit

- 8.0"h x 6.1"w x 1.6"d dimensions
- 1.2 lbs. weight
- Aluminum housing with mounting brackets enclosure

Physical: Skymetry Unit in NEMA-4 enclosure

- 12"h x 8"w x 6"d dimensions
- 8 lbs. weight

SKYMETRY™

Advanced Remote Wireless Monitoring and M2M Control

Skymetry is the ultimate choice for remote monitoring and control where telephone lines are non-existent or too expensive.

SENSAPHONE®

SKYMETRY™

Wireless Monitoring from Sensaphone!

Monitoring facilities is always a challenge. Without suitable monitoring in place, unplanned events can cause interruption and loss-of-production. The use of broadband networking technologies, SCADA technologies, and autodialers has long been the answer to this challenge.

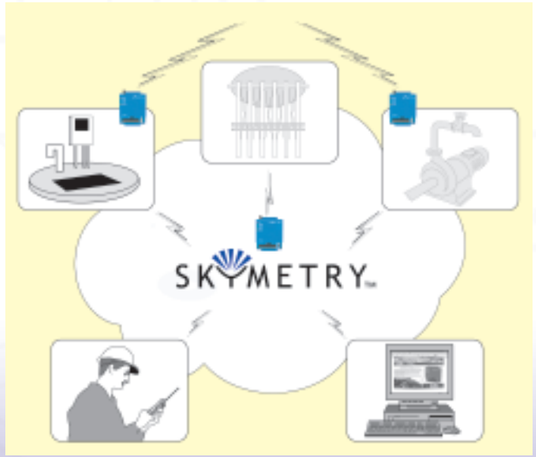
When your operation includes remote unattended facilities the challenge becomes larger. Unattended facilities are often in remote areas without suitable communication infrastructures to adequately provide unattended monitoring.

The Power of Skymetry

Skymetry's powerful monitoring alarm and control system uses built-in wireless technology that allows you to monitor your unattended remote facilities without telephone lines or specialized radio links.

Skymetry uses a specialized wide-area radio network to achieve maximum data delivery capability. Through this two-way network, you can receive detailed telemetry from your remote site when you want it. You can also transmit data directly to the site. Six analog inputs, eight dry contact inputs, and two output controls give Skymetry the ultimate edge in remote monitoring and control where other wireless products fail.

- Unlimited alarm delivery capacity
- No restrictions on inquiry
- Built-in M2M technology
- Compact integrated monitoring WTU (Wireless Telemetry Unit) for easy installation to panel
- No FCC license required
- Serial port for onsite direct connection
- Solar-ready ensure operation without line power
- Duplex and simplex pump-control ready



Why Skymetry Beats Cellular Every Time

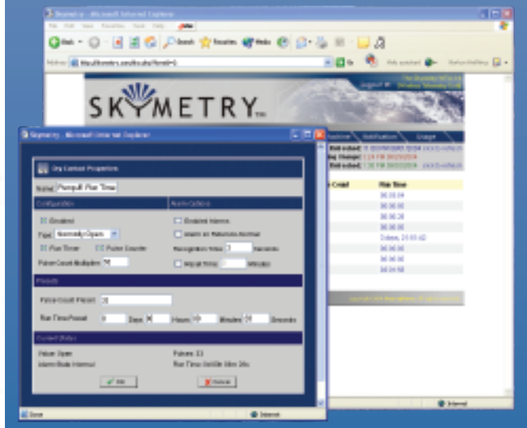
Today's standard wireless monitoring products today are built on top of the cellular telephone network. They provide only minimal control and data transmissions. Often used only for alarm notification, these services operate as a side 'carrier' to a cellular company's network. What does that mean to you? Your monitoring application is a sideline and secondary to the mission of the cellular company.

Not so with Skymetry. Skymetry's radio network is 100% dedicated to interactive, two-way monitoring and control applications. That is why there is no limit to how much data you can transmit from a site and how many alarms you may receive.

All the monitoring details of your remote site are stored within the Skymetry device itself, so there is no chance of a message not getting out if you do not have access to the Internet. While the monitoring services of a cellular telephone network require an intervening "data processing" center to capture, scrutinize, and then dispatch the alarm messages to you, Skymetry operates as a peer-to-peer device on the network. You receive the messages directly from the Skymetry system, not from a Skymetry processing center.

Control Over Your Site

With Skymetry, you'll gain more control over your unattended remote facilities than ever before. Alarms



Through the Skymetry website, the power is literally at your fingertips to program variables, alarm points, and to view alarm history of your remote unattended facility.

You can also program your Skymetry device to contact you through alphanumeric paging, telephone, e-mail and text messaging through this powerful web interface. No more truck-rolls to change programming!

And best of all, it's as easy as surfing the web.